INDIA'S BIG CANAL SYSTEM.

THE MOST EXTENSIVE IRRIGATION WORKS IN THE WORLD. Water From the Bitmalayan Slopes Brought

to Hundreds of Thousands of Fields Along Artificial Conduits—Their Cost,

I do not remember anything that impressed me more favorably as a genuine economic enterprise, the whole world round, than the canal system of India. People go into raptures over the Tai, the Elephant Caves and other wonders of the world " that are to be seen in India, but to me the most wonderful of all were the canals that have practically rescued the teeming millions of the peninsula from famine. By the time I reached India I had grown middling wearv of sightseeing. I had already traversed the byways of sixteen different countries mingling with the people, making daily observations and taking notes, and one can get a faculty of observation grows wearied in time, so that one no longer takes the interest in wonderful things that hav really warrant. But the magnificent irrigating canals made an impression on my mind that is as vivid now as when I was standing on their banks. In no other part of the world is there to be seen anything ap-proaching the spiendid system of canals that English enterprise has given to India.

Here and there along the Grand Trunk road. its smooth kunkah bed passes over a substantial brick bridge, spanning a canal broad enough to float a schooner. The first of these canals I rode over was in the Punjab, on the road between Lahors and Amritza. Standing on the bridge there stretched away into the distance on either hand a broad avenue of luxurious vegetation, beneath which flowed silently a placid stream wider than Broadway Straight as an arrow the aqueous avenue made a silvery streak mile beyond mile across the levels of the Bari doab, the most charming vista imaginable. It has been customary to plant the banks of the canals with trees, and to encourage the tropical vegetation of India to flourish and sustain the soil. Abundantly supplied with water, with a rich soil and tropical climate, the trees have grown to magnificent proportions, and many of the smaller canals, ditches, say twenty or thirty feet wide, are literally overarched by the vegetation, so that the water flows beneath a leafy tunnel. I have looked along these tunnels where the "masoury of the trees" was so compact that very little sunlight reached the water. A chastened twilight prevailed even at noon, and to look down the vista and see, half a mile. sculling their rude craft along the silent and shaded avenues, was a real picture.

The overarching vegetation serves the dual purpose of holding the banks firm and prevent-ing the wholesale evaporation which would otherwise take niges

sculing their rande craft hierag the shaded avenues, was a real picture.

The overarching vegetation serves the dual pripose of holding the banks firm and preventing the wholesale evaporation which would otherwise take place.

Up to the present time there has been nearly \$100,000,000 spent on the eanal system of India. And this sum only represents the amount spent on the main works, constructed by the Government or English companies. The old native canals, of which there were a good many in quasi-existence, and which were often utilized by the Government in digging the new ones, are not included in this estimate. Nor are the thousands of miles of small distributing canals, of which the big canals are the feeders, for these were in most cases dug by the organized efforts of the cuitivators themselves.

In the province of Scinde alone there are nearly 7,000 miles of canals in actual operation. Irrigating about 2,000,000 acress of soil. No country in the world is so well adapted by soil, climate, and physical geography to reap the best results from irrigating canals on a large scale as India. Vast level plains of rich alluvial soil, sloping gently over the peninsular from the Himalayas and smaller mountain chains, have for long ages been awaiting redemption at the hands of man. Some were burning wastes that lapped up the scanty annual rainfall as greedily as though it had fallen on hot iron, and with no more visible results. Others, in the track of the monsoons, afforded pasture and cultivation in ordinary seasons, but with a season of drought came famine that swept away millions of lives.

The canals have put quite a new face on the matter. The magic transformation brought about by the distribution of water in Scinde, where the annual rainfall is but nine inches, a mere bagatelle to what the sun-blistered earth requires. Along every ramification of the canal system one can see a fringe of green fields, immediately beyond which is the baked and sterile plain on which there is not even a blade of grass. Just as far

plenty of water, vegetation grows with extraordinary randity. The plain, formerly barren, smooth, and shiny as a pavement, is now very much of a forest, where it is not actually under the plough. Villages have aprung up like mushrooms along the canals, date groves abound, and the whole fuee of the country is as different from what it was thirty years ago as night from day. So wonderful is the transformation that an old Scindi who came home after an absence of many years and found a dense forest where he had never before sees must be goted in the new of the country and admission of the country the old Scindi insisted on prostrating himself, as before an idoi, whenever he saw a wnite face. Some of the Scinde canals are as much as 300 feet wide and twelve or fourtien feet deep. Sometimes they have been made by repairing and utilizing the dry beds of ancient streams. Every lew centuries the Indus has raised it bed above the bed of the surrounding plain, and then, forasking it carve out another channel of the country through which her channel beds of the Indus and its side channels are easily converted into irrigating canals.

Much of the Punjab would be a scorched and uninhabitable waste except for the rivers that issue from the Himalayas and spread out over it like five fingers. These rivers and the nature of the country through which they flow render irrigation of paramount importance. Many of the magalileont canals in the Punjab system that have now converted that section of India that have now converted that section of India that have now converted that section of India that have now converted the Punjab system that have now converted the Punjab system that have now converted the punjab stream of Junger, in which such a section of India that have now converted the punjab they and the punjab shape and the pu

form an instructive field of observation, as showing the vast difference in the receipts in proportion to outlay that may be obtained from enterprises of the same general character in one country. One canal system, known as the Canvery system, in the Madras Presidency, returns 81 per cent, profit per annum on the investment, and some of the smaller canals even more than this. On the other hand, many of the systems show an annual deflett, owing to the tremendous cost of construction in difficult country and proportionately less cultivable land to supply with water. Taking the canals as a whole, however, they are very goodpaying property. They afford employment to a small army of English civil engineers at large salaries, and pay the shareholders, on an average, probably as much as 10 per cent.

The most profitable canals are those which have been curried along the beds of ancient streams or old canals. While they are not such perfect specimens of engineering skill, and give less satisfaction from the standpoint of utility than the purely English enterprises, the first cost was comparatively small. Wonderful returns have sometimes been obtained on a very small outlay, a few thousand pounds spent in clearing out as eld watercourse and turning a stream into it virtually creating a new district in what liad before been a howling desert. A few years and Minor Minchin was appointed agent of Bhawulpore, a small native state on the Indua, during the young Nawab's minority. The Major looked the territory over, and decided to introduce water from the Indus into various old channels that traversed the State. He becoved digging. By the time the Nawab reached his majority, the judicious outlay of this trilling sum had increased the revenue of Bhawulpore from £12,000 paid in grain to £190.000 pai

THE GREAT NEW FORTS OF FRANCE

Revolving Turrets Undergoing Experiment at Chalens-The Eclipse Fort-Another Factor of Uncertainty in any Future Contest Between France and Germany, Centest Between France and Germany,

Prom the London Times.

At the Chalons camp a second series of experiments with plated turrets has been recently undertaken. It may be recollected that in 1885 experiments with plated turrets were made in Bucharest. At that time metallic fortifications were already a question which had acquired the greatest importance. Since 1885 artillery has continued to become more end more destructive. The aim has become more certain. The pointing of the cannon is effected without the gunner requiring either to look out himself or to expose himself to view; and the discovery of new explosive substances has made shells too towerful for any existing fortifications. The fact has been so striking that in all armines there are many who have come to the canclusion that fortresses have had their day, and that the courage of the soldiers and the sagnetry of the General can alone now stop the narch of an army or drive it back. They quote the saying of Lord Falmerston to M. de fersigny, who had described the French soldier as the braves in the world. "I cannot say the same thing of our men, repiled Palmerston." All other soldiers are as brave, but they are brave a quarter of an hour, and that what is required are veteran soldiers and cool officers rainer than costly and useless fortresses. The advocates of fortresses admit that in the long run the besiegers always end by defeating the besleged, but the time during which an army in an enemy's country, ill-housed, ill-fed, harassed, always on the qui vive, can be kept in check is of immense advantage to the invaded.

The plan of fortresses at present adopted—unknown to the public, but the divulging of which can do no harm, as it cannot remain secret—is very peculiar and mute opnosed to any resthetic or artistic conception. A fortress is henceforth composed of an immense block of concrete of incredible blickness. It will offer to the eye only a square, on a lock with the point of the block, and as powder will in future be smokeless, this cannon, alwa From the London Times.
At the Chalons camp a second series of ex-

isolation—that is to say, against abandonment and discouragement. The underground existence of the garrison may not be very lively, and and discouragement. The underground existence of the garrison may not be very lively, assisted to it; but that garrison will not occeed thirty or forty men per fortress.

A fortress thus squipped for resisting the enemy's attack and fire of course requires special means of receiling the enemy, preventing him passing, and doing him all possible mischief, These means are the pined turrets ments at Chalons. The fortress will in general have two steel turrets, one on each side, which by their circular motion can fire in all directions. The frontier fortresses will be so arranged that their fires meet, which is easy with the wonderful range of modern cannon.

The furrets of mainty from the particular steel turrets. The first nor of the experiments was the liring from these turrets. The second consists in their being cannonaded and shelled, The shairt Chamont turrets are roal turrets of cylindicial shape with a rounded top, which gives no hold to your turrets, while of experiments while the production shape, are but slightly rounded at the top, the surface of about six or seven square metres being slightly convex, but nearly flat, thus giving more hold to projecticies if they are supposed not to burst immediately on contact with the capon. The saint Chamont turrets are supposed not to burst immediately on contact with the capon. The saint Chamont turrets are supposed not to burst immediately on contact with the capon. The saint Chamont and the Chatilion turrets are rotatory, showing their portholes and earnous only at the very moment of discharge, The alim is not longer the on the fortres. Fire and the contact with the caponal of their cupola, by cannons of 155 millimetres, styled "cannons for the caponal of the fire as a forter the continuers of the current special of the caponal of the caponal

PILOTS OF MANY HARBORS.

THE MEN OF SANDY HOOK BRAYEST OF ALL THE OCEAN CRUISERS. North Sea Ronmers Pretty Nearly as Bold-

Those of Calcutta are Dudes, and Have Valets with Them-How the Malayan and Chinaman Work-Great Dangers. Of all the hardy fraternity of men who guide the argosies of the world safely into welome havens, none are braver or more venturesome than those who sail out of Sandy Hook in the buoyant, straight-stemmed, two-masted keel schooners called pilot boats. These men are the aristocrats of their calling. They are no hardier than their rugged and fearless brethren of the North Sea, but they subject themselves to greater dangers by their long cruises. It must be rough weather indeed that can keep the New York pilots in port. They cruise night and day, from fifty to 500 miles from Sandy Hook, in search of incoming craft. The flare of their torches lights up the wind-driven snow and sleet of winter storms, and contends with the treacherous darkness of summer fogs. They speak and board in all sorts of weather and at all seasons the ironsided leviathans that cross the ocean in less

than a week.

To the European tourist who sees them for the first time and has never read about them these pilots of the New York harbor are a revclation. The tourist, as a rule, expects to see a rough-and-ready sort of fellow in homespun. with a swaggering air and a mouth full of nautical expletives, climb up the tall, black side of the ship from the pilot boat's yawl. He sees instead a man of modest mien and good dress about whom there is little to indicate his calling, and much like the merchants and cierks to be met on Broadway. In the old days, when there were less foreign-born men in the service, our pilots indulged in the luxury of high silk hats when boarding vessels on pleasant days. They are not so fastidious newadays and use Derbys instead. They are, as a class, presperous; but they pay dearly for their prosperity by the most arduous sea labor. Since 1853 more than twenty-five of their boats have been run into and sunk or lost in storms. The Enchantress and the Phantom, which the pilots hereabouts think have foundered in the terrible blizzard, may be added to the list. Before the Enchantress and the Phantom disappeared there were twenty-two New York and seven New Jersey pilot boats, owned by 133 New York and hity New Jersey pilots. Each pilot is appointed by the Commissioners after three years apprenticeship, part of which is spent in rewing the boat's yawl to and from vessels and part in taking care of the boat and acting as her skipper. He must pass an examination before he is allowed to try nis hand at bringing in or taking out a ship. Then he serves two years on probation, and if he gets along all right he is then made a full-fiedged pathfinder. The pilots who own a share in the boats—and nearly all of them have a sixth interest in the boat they sail on. They are paid for their work by the boat. The charges vary according to the draught, For a ship that draws from 21 to 28 feet they get paid \$4.88 a foot, and for one that draws from \$6 to 13\s\$ feet they get paid \$4.88 a foot. In for one that draws from \$1 to 13\s\$ feet they get paid \$4.88 a foot, and for one that draws from \$1 to 13\s\$ feet they get paid \$4.88 a foot, and for one that draws from \$1 to 13\s\$ feet they get paid \$4.88 a foot, and for one that 100 miles from port until a vessel needing their services comes in. The vessel is compelled to take a pilot, and must want for him. He is rowed away from the brig by a half dozen natives the him should have a single while services comes in. The vessel is coding their services comes in. The vessel is coding their solutions chair—this is a part of his baggage—beside when pilots in the service, our pilots indulged in the luxury of high silk hats when boarding vessels on

When this easy-going pilot is in charge of a When this easy-going pilot is in charge of a ship's destiny, he does not move a limb if he can avoid it. All the active work of nioting is done by the leadsman. He takes soundings at frequent intervals, thus familiarizing himself with the depth and boundaries of the channels, and gaining such knowlede as will enable him himself to have several Saratoga trunks, an easy chair, and a valet some day. The Calcutta pilot is a Eurorean: generally an Englishman. He has a commission from the Government, and when he gets too oid for his arduous duties he is retired on a pension. The Government mans and equips the brigs, and the pilot permits the Covernment to take one-half of the pilotage, which is not an inconsiderable sum. The Calcutta pilot will not board a vessel except on tine nights, and never during rough weather. Large sailing craft are always taken in tew by tugs that cruise after them, as it would be dangerous for them to ascend the river under sail. The outside orig burns a flash light at night, and a code signal of warning if the incoming ship is in dairier. The bries are manned by natives and officered by Europeans. They do no cruising. When the pilot leaves a vessel at the inside station, beat she is taken care of by a mul pilot. Who is lar from being a dude and her to her moorings, a mile or so off shore. In vivid contrast with the indoient life of a Calcutta pilot is the tempestuous career of the wandsring storm defiers of the North Sea. There is nothing gaudy about them. They come chiefly from that nautical race of nervy blue-cyed men, famous in the past for deeds of giory on the deep, and now the mainstay of the merchant marines of the world, those blue-cyed men, famous in the past for deeds of giory on the deep, and now the mainstay of the merchant marines of the world, those blue-cyed men whose mothers brought them into life on the soil of the Scandinavian peninsula. There are also many daring English, German, and Pericalantia and state of the World and the peninsulantial and the pe

salis ont in his cance from Singapore, and, for a small censideration, directs the skipper of the trader into harbor. The young Captain of a ship recently from Singapore says he picked up while going into that port a tall, straight Malay, who could understand and speak only a few English words, but who was as bright as a new dollar, and polite enough to suit a Frenchman. He showed the Captain a crude drawing of a ship and a colored American flag, under which were a few lines from a Yankee Captain, saying that the bearer. John Thompson, was a good pilot. The Malay took the young Captain's ship in for \$10, and, in order to make himself solid with the Captain, made him daily presents of cocoanuts for a week. The Malay showed drawings of other ships with German, French, and other flags over them and notes of recommendation underneath. Some of the notes alluded to the Malay as Sambo, and he indicated to the young Captain that he preferred to have the young Captain write that name in his recommendation.

Almost everybody who has crossed the Atlantic knows what kind of men the English pilots are. They are not much below our own in intelligence. They use cutters and yawls for cruising, and do not venture out as far as their Yankee brethren, but they make nearly if not quite as much money. French pilots search their coasts in three-masted luggers, stanch craft. They and their German neighbors do not court the danger of long cruises.

HOGAN'S AWFUL DROP.

His Loap from a Balloon When Nearly Two Miles Away trom the Earth, From the St. Louis Globe Democrat.

JACKSON, Mich., April 3.—"It is claimed by the balloonist, Baldwin, that he has dropped 5,000 feet from a balloon with a parachute. I shall drop at least 10,000 feet, and shall attempt what no other balloonist ever did. I shall drop with the chute closed, leaving it entirely to the air

5,000 feet from a balloon with a parachitic. I shall drop at least 10,000 feet, and shall attempt what no other balloonist ever did. I shall drop with the chute closed, leaving it entirely to the air to open the chute."

So said Edward D. Hogan to a group of newspaper men, who had assembled this morning on a large vacant lot northwest of town to see him make his foolhardy venture. Hogan is a local aeronaut, and lives with his family at 421 Van Buren street. He was for fourteen years employed in a planing mill here, and only during the last four years has devoted himself to ballooning as a profession. He has studied the subject thoroughly, however, for many years, having from childhood taken the keenest interest and delight in the science of sailing air ships. He rigged up a workshop at his home, and there he spent every spare moment experimenting in the constructing of heiloons, and on every possible occasion had made an ascension, frequently geing up to considerable heights. During the past few months he has given his attention to parachutes, and on Feb. 9 last announced, as soon as the frost was out of the ground, he should ascend to an altitude of 10,000 feet and drop from the car.

"There is no use," he said, "of my attenuting to do anything unless I can beat all previous records, and fail further than any living man. A few hundred feet less or a few hundred feet more will count nothing for me. I must at least double the distance."

He repeated this talk this morning when getting his car ready, and at 9.35 the balloon ascended. As the balloon left the earth one of the guy ropes holding the chute broke.

To describe this particular "chute" it is only necessary to imagine a white globe 20 feet in diameter cut through the centre; in this way you have two parachutes, the professor only having one. It contained 100 yards of stout cloth. It is not unlike a manuroth umbrolla without a stick, the braces being flexible cords running down 25 feet and fastening to an iron ring two feet in diameter. The other-cords all

THEY ALL HAVE THEIR SAY. THE PARROT, THE RAVEN, AND MAN NOT THE ONLY ANIMALS THAT TALK.

All Make Use of Lunguage, Though Or-Much for Them-The First Distinguishable Words of Babes, Lambs, and Calves From the Oven Court.

The range of animal language is far greater than is generally conceived. Concentrated at first at the poles of the cell, and later at the extreme ends of the bodies of creatures of complex organization, language tended more and more to the use of sounds. After the escape of life from the water the use of a voice became almost universal, from the rough croak of wfrog to the song of a thrush. The range of expression widened grandly in the quadrupeds and the birds. Nocessarily incomprehensible by us, it is certain that every note and every modification of a note carries meaning between fowls and birds. The student of nature comprehensible they are the break of slay in summer is a wholy integral affair, differing from their evening songs as well as from the notes uttered during love making, and during the work of nest building. There are also distinct shower songs, welcoming the refreshings of nature. There are songs of victory, songs of love, and equally the notes of quernious dissatisfaction, as well as cries of anger and unin. These notes evidently are understood, not merely within the limits of a single species, but the robin comprehends his neighbors. This is certain, because not sekion the tribes make common cause of joy or of battle. By common consent the robin has the earliest hour of dawn for his rounded y—other birds either keeping silent or foliowing in an undertone. After his song is ended the earlier wherever he is an undisturbed silveiter.

or following in an undertone. After his song is saided the cathird begins, and takes the hour mainly to himself—wherever he is an undisturbed dweller.

My horse I find instantly comprehends a sound of caution, one of reproach, another for speed, and one of approbation. The dog is specially capable in this direction; but still greater is the power of a cat, a power seddom allowed by us to show itself. I have no doubt that a cat readly gets the drift of what we say to her, and at times our full meaning. In the way of language, says Popular science, mon-keys manifest their passions, fears desires, by cries and gestures emphasized by significant accents. The alphabets of some of the Meanesian races are not much richer. Some makeys have a noisy and explosive laughter analogous to ours." Abbott insists that birds not only sing but talk, and that their song bears the same relation to speech as our own. "Crows have enterances, as in all birds, are only expressed when the bird's occuried showing that birds sing from pleasure and talk from necessity," the adda concerning fishes: "I have been led to believe that certain sounds made by fashes are really vocal efforts, and that their utterance is for the purpose of expressing an idox."

All animals can talk if you but deign to learn their language—not ask their tongues to crook to yours. Tones are speech, not artificial words that bear your language as a barrow wheels your corp.

Fut we must not neglect the fact that desire

vheels your corn. Hut we must not neglect the fact that desire itut we must not neglect the fact that desire to communicate, belore its vent in vocalization, not only developed in a remarkable range of gesture-sanguage, but emotion expressed itself in colors and changes of color. We shell make a mistake it we attribute the coloring of birds, insect-and animals too largely to the survival of these that best initiated or most resembled surrounding objects. Colors are a gamut, expressing pride, love, anger, fear, and every possible emotion. They arise in the first instance from desire and effort at expression, and are direct and immediate. As such they are language. They become in large degree hereditary, and their display automatic. Birds in love have a love color; in anger they have the anger color. Mimiery, incidental or intentional, applies color to purposes of safety; but there is little probability that any color ever arose from a purpose at concealment.

blity that any color ever arose from a purpose at concealment.

It is more and more clear to an intelligent observer that language is absolutely universal wherever there is sensation. All life more or less is intercommunicative. Animals in our company, if deaft with as capable of development, seen adapt their sounds to our requirements. I have owned a horse that could call my with distinct sounds of caution, and others of affection, and still others indicating more abstrace ideas to my necessioned ear. On one consistent the stables—chling to me when 100 ross away, and extree—ting the utmost satisfaction when I reached the yard. The cows had broken down a deer and let loose some calves. believed to be final leave of a daring and rockless man:

"My balloon ought to take me up two miles at least. The prachute wont inflate miside of 300 feet from the time I leave the balloon. This distance will occupy three seconds, after that I expect to come down ail right inside of one milnute and thirty seconds. Let her go."

At the word the ropes were cut and the monster went salling upward.

"The chute's guy has broken," cried Rogan instantly. "I'll have to come down and start over." As soon as possible Hogan descended.

"I'll go up again in an hour." he said,
The second trial was a success. The balloon shot up almost straight to a distance of fully 10,000 feet. It then settled about 440 feet and watched the balloon with based breath. The reporters were provided with powerful glasses, and saw Hogan make ready to jume.

"He'll weaken," said some one.
"No," cried another, "he is getting out."

The chute was closed. Hogan drew it up till he reached the ropes to which he lashed himself. When he stepped on the edge of the fall unless he took the precaution to Insten himself. When he stepped on the edge of the eart to spring off into space some of the special to gard the clonated unit. He was falling like a mateor, and the specialors shut thoris grew pule and sick. Surely this daring man was going to certain death.

Ashoutol terror goes up. Hogan has jumped, bown like a cannon ball he fell for 300 teet. The chute has not yet opened. Down it came and spring off into space some of the special to the large and selection of the hard was almost stopped with a jerts. Then the chite sea mateor, and the specialors shut there are not on the special to the large and selection of the large and selection

since a consecut and in appealance said they suddenly as both recognition to the surface of the suddenly as the surface of the

ch and che che, and soon after by modulation. These are not only the first use of truly human organs, but the first erebraved sounds, as distinct from instinctive and inherited utterances. The steps toward a highly complex cerebrated language are thereafter rapidly taken.

We have to bear in mind that the babe organically follows historic evolution, and is an epitome of past progress. So also in his speech he moves on and over the pathway of the past, and reviews it all. An intelligent child expresses approbation and disapprobation by the same sounds that are used by adult monkeys. The savage hardly uses cerebrated sounds at all. The refinement of languages has ever consisted in eliminating the animal inheritance. The child's use of gestures is also inherited. He does not need to learn to use his hands; only to secure muscular strength to direct them. His play is at first purely animal frolic, resoleing in shouts and stricks that later he does not find necessary to his enjoyment. His laughing and crying can only be understood as language, as they surely are also in adults. The evolution of laughter would be a delightful branch of our topic, but a theme too much by itself. It is enough to note in passing that not only do animals laugh, but they smile, Laughter is even not uncommon among fowls. The range of animal language is far

JAGGERS'S BEAR.

He was Good Once, but Treated with Indigate "Hi! look out thar! He's comin' right to'ard ye. Cap!" yelled old Bolivar. "Yew-lek! yew-lek! yow-o-o-o-o!" sang the

dogs in excited chorus.

Swash! Crash! The dense laurels swayed and bent and snapped like trees in a hurricane. The centre of the great disturbance advanced rapidly toward the edge of the thicket. The cause of the unwented agitation promised to soon reveal itself in the open, not more than

can and interest with the continued to the contract that the contract that the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract that the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the light of the tanged bashes, as the contract of the co

BAIT FOR BRITISH CASH. HOW NORTH CAROLINA NATIVES GATES ER GOLD ON THE BILL SIDES. Engilah Financiers Sciilag Stock in a Com-

pany to Work a "Reef of Gold" In Sam Christian Mountain-California Outdone. The advertising columns of the leading London papers of recent dates give interestng, if not valuable, evidence of the immense undeveloped resources of this country and the vast mines of wealth still remaining to be opened up by American enterprise in the region of the British pocketbook. It takes a column of the linest advertising type to reveal to the English investor the gigantic opportunities of the "Sam Christian Gold Hydraulie (limited)," an English company that is just aching to scatter wealth broadcast by letting the invest-ing public buy 33,000 shares of a total of 200,000 of stock at one pound per share, payable in five shilling installments. The officers are all English, and apparently are all in England, except E. B. C. Hambley, Esq., M. E., engineer and managing director, who is in this country. The prospectus sets forth under the head of 'Financial Facts," that the company was organized last fall when the directors chipped in enough cash to "acquire the Sam Christian Alluvial Gold Mine, comprising about 1.350 acres in Montgomery county, North Carolina." There was also subscribed in the same way,

is said. \$35,000 of "working empital." The description of "the property" is a particularly pleasing portion of the prospectus.

The picture of the simple, pastoral tar-heel peasant and his family going out after every

Trace of the control of the thicks. The control of the property is a particular property in the control of the property is a particular property in the control of the property is control of the property in the control of the property is control of the property in the control of

